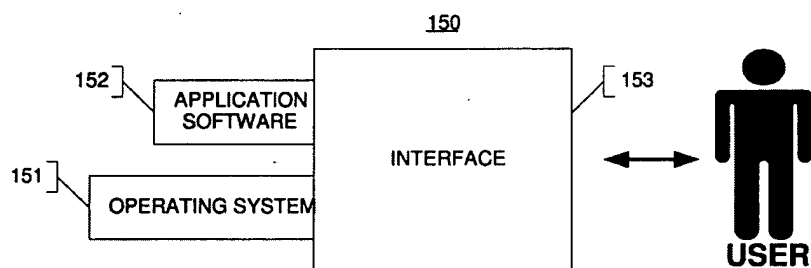
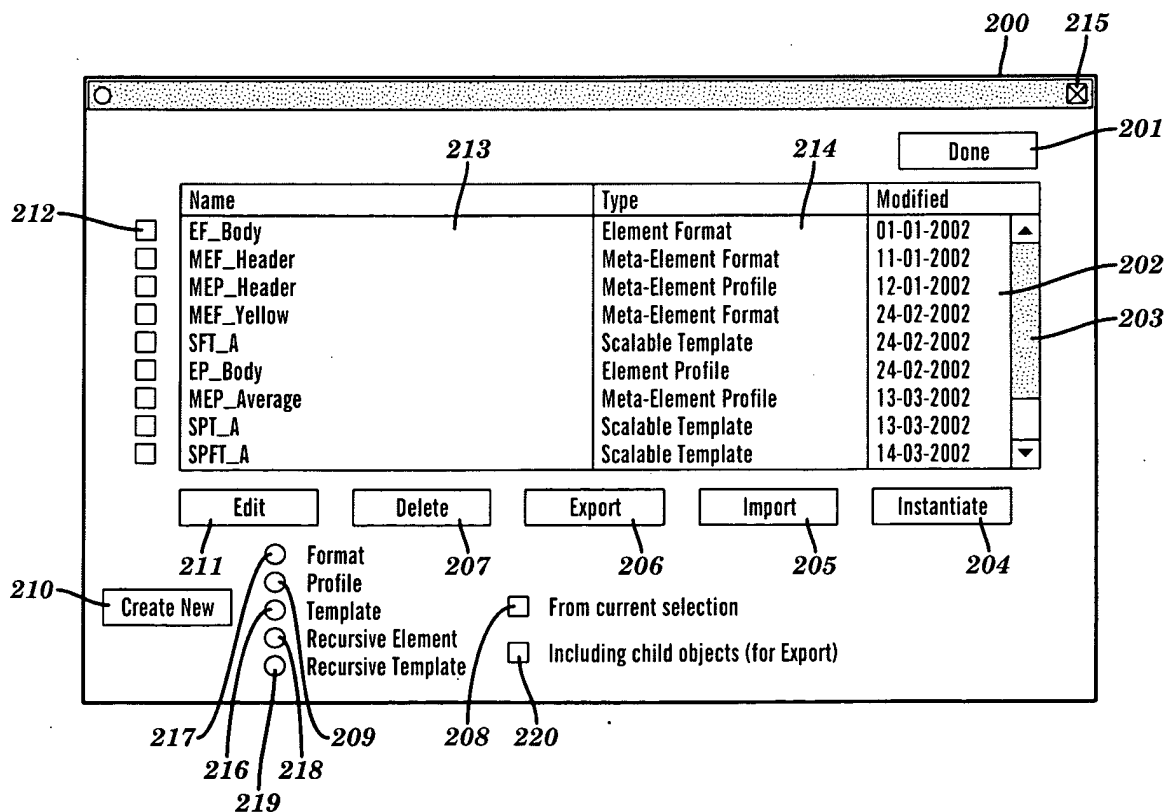


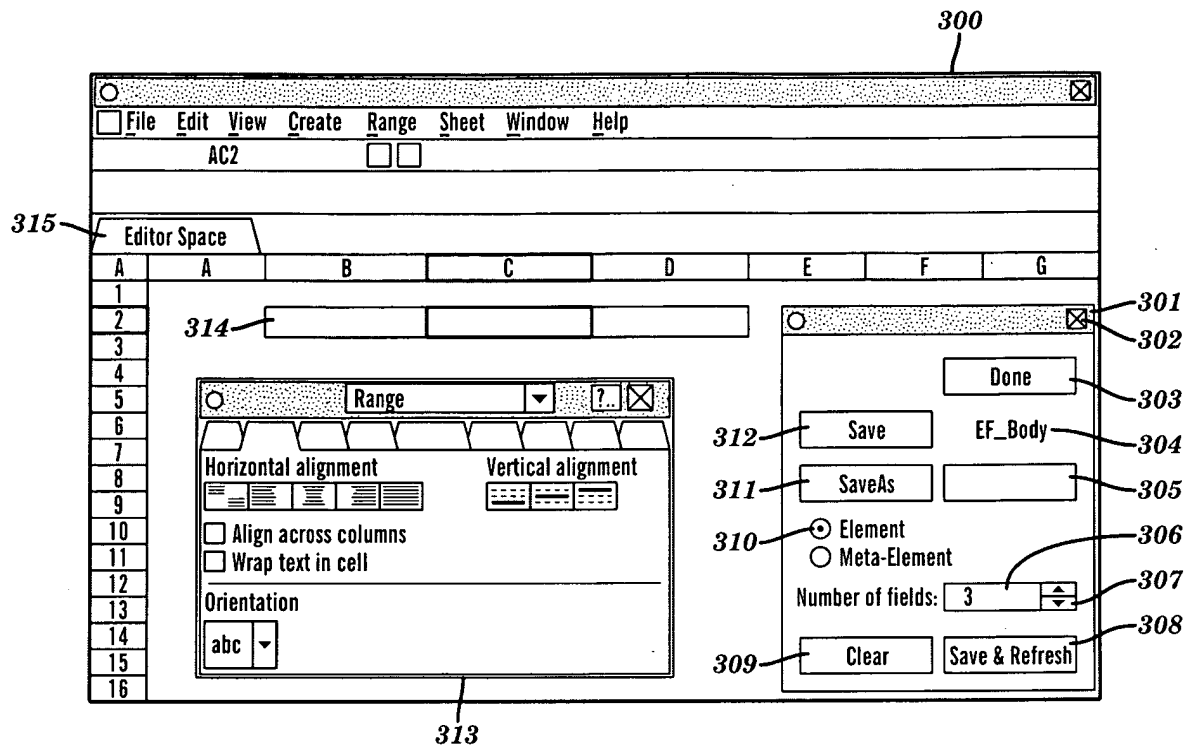
**FIG. 1A**



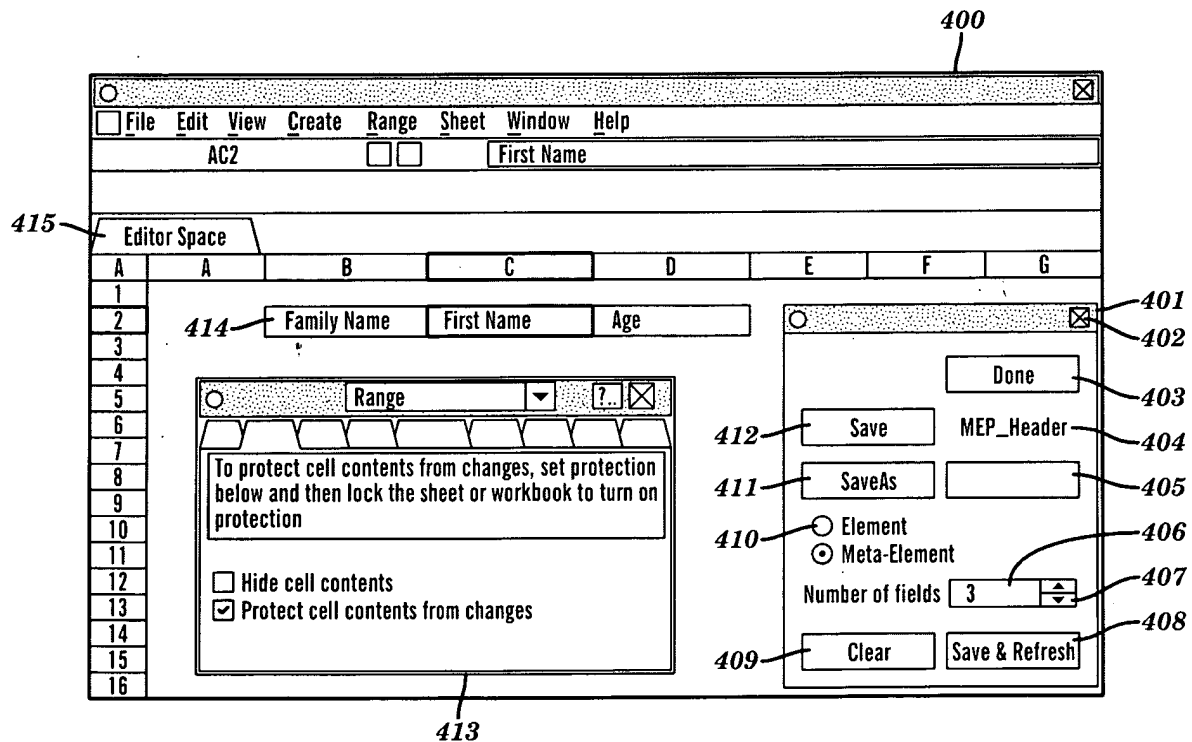
**FIG. 1B**



**FIG. 2**



**FIG. 3**



**FIG. 4**

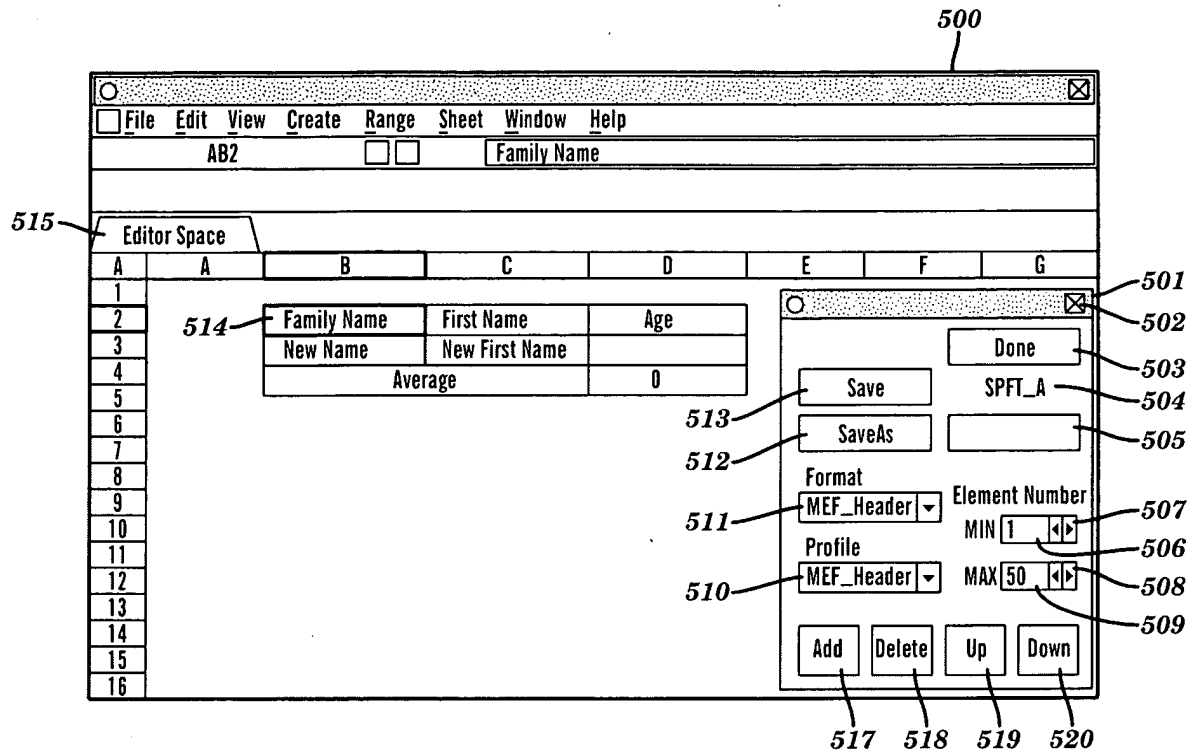


FIG. 5

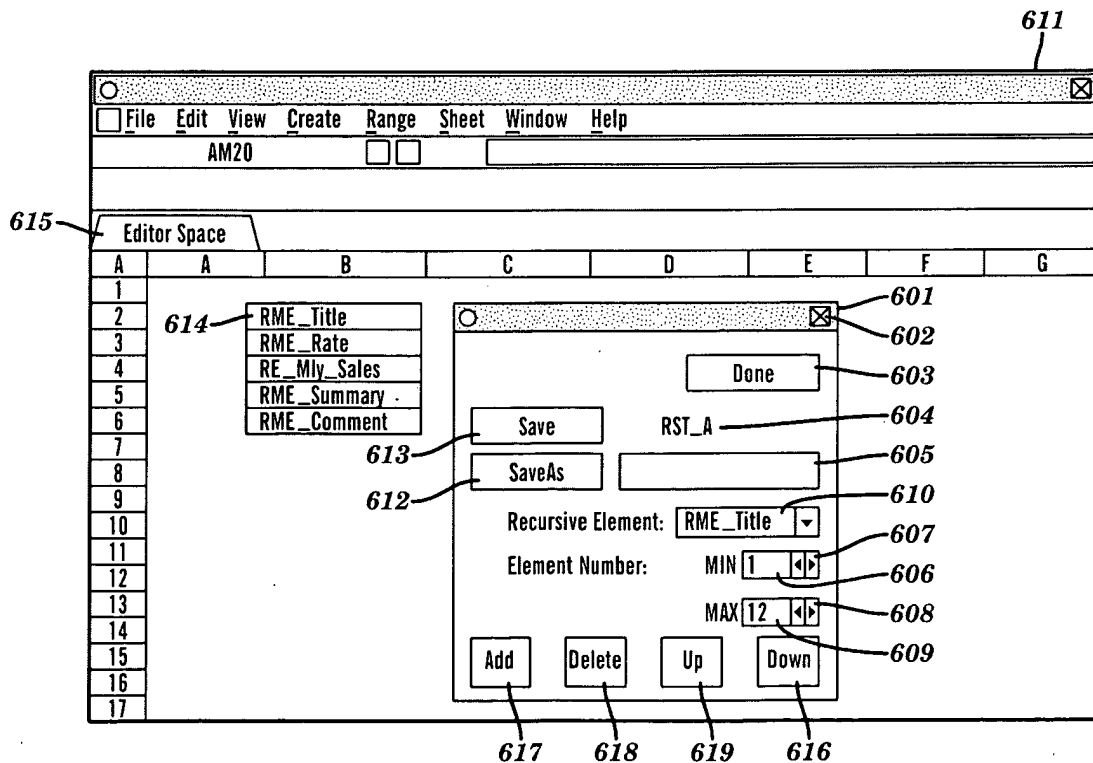
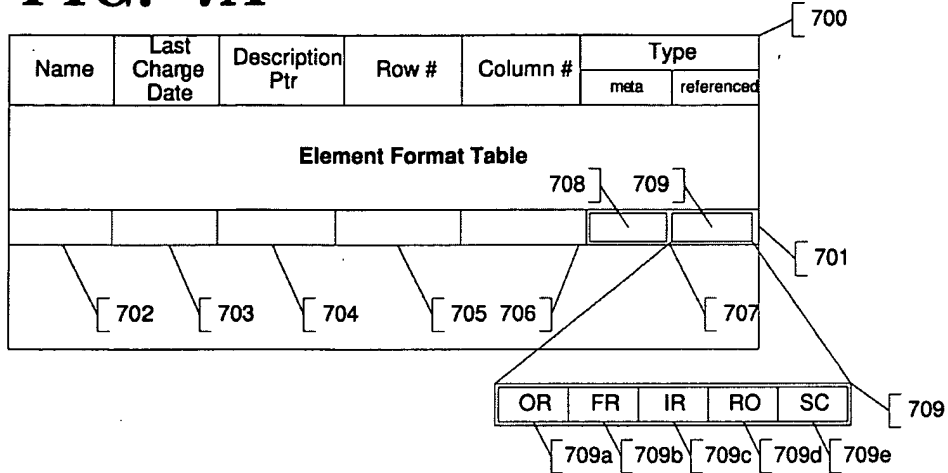
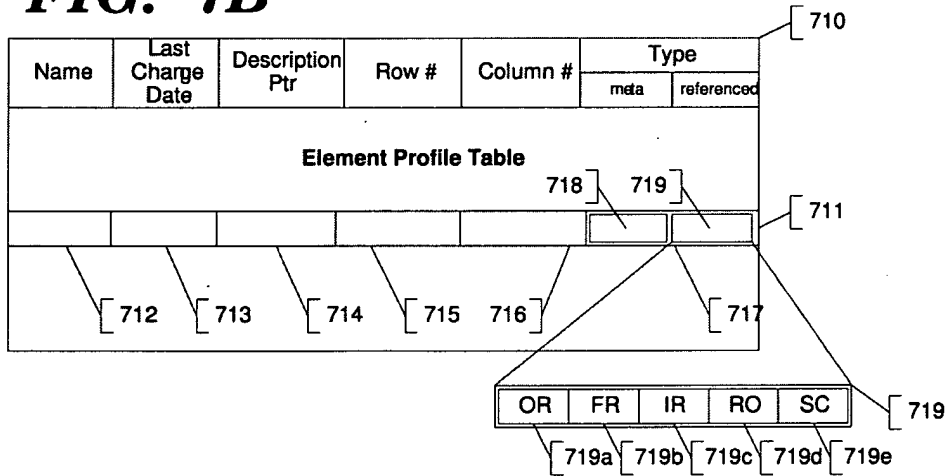


FIG. 6

**FIG. 7A**



**FIG. 7B**



**FIG. 7C**

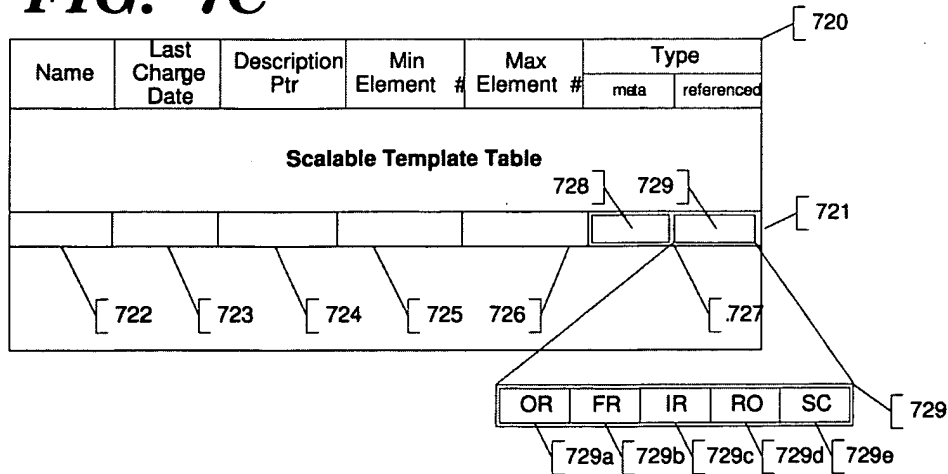


FIG. 7D

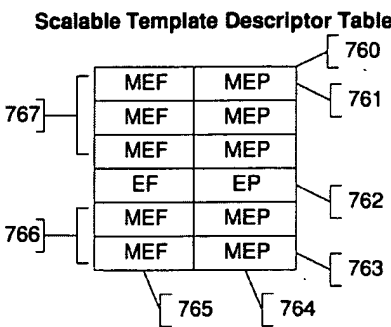


FIG. 7E

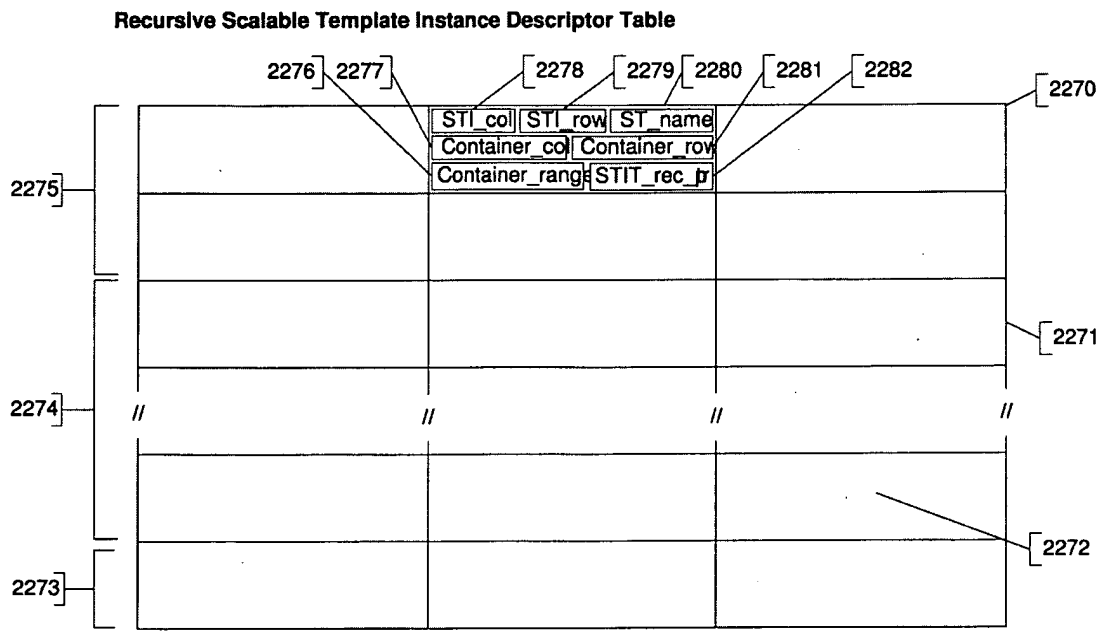
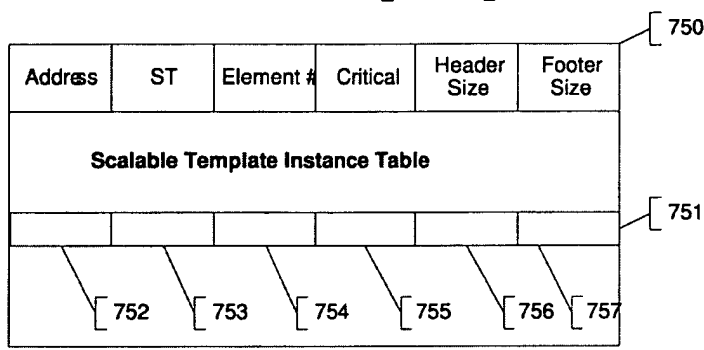
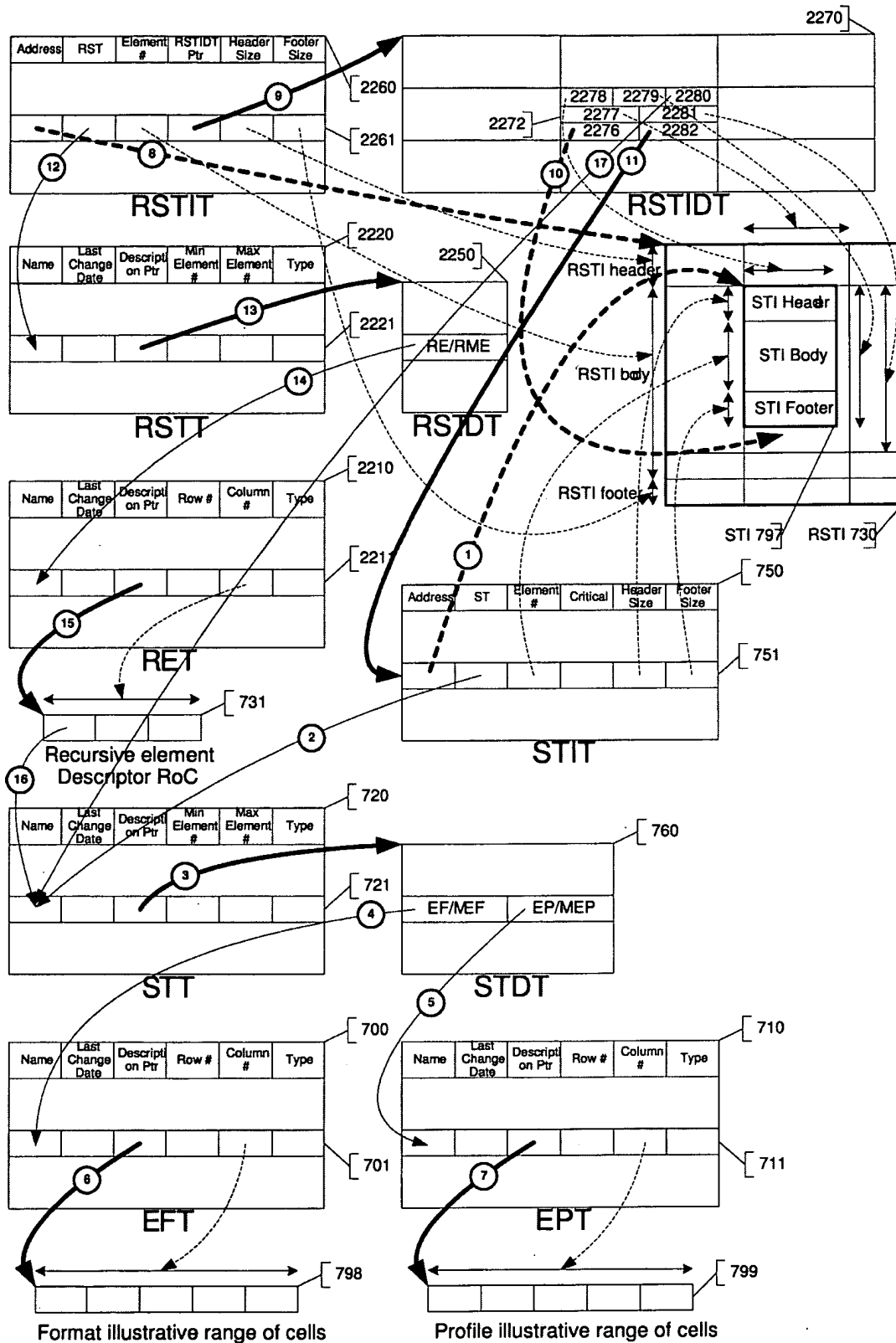


FIG. 20F



**FIG. 7F**

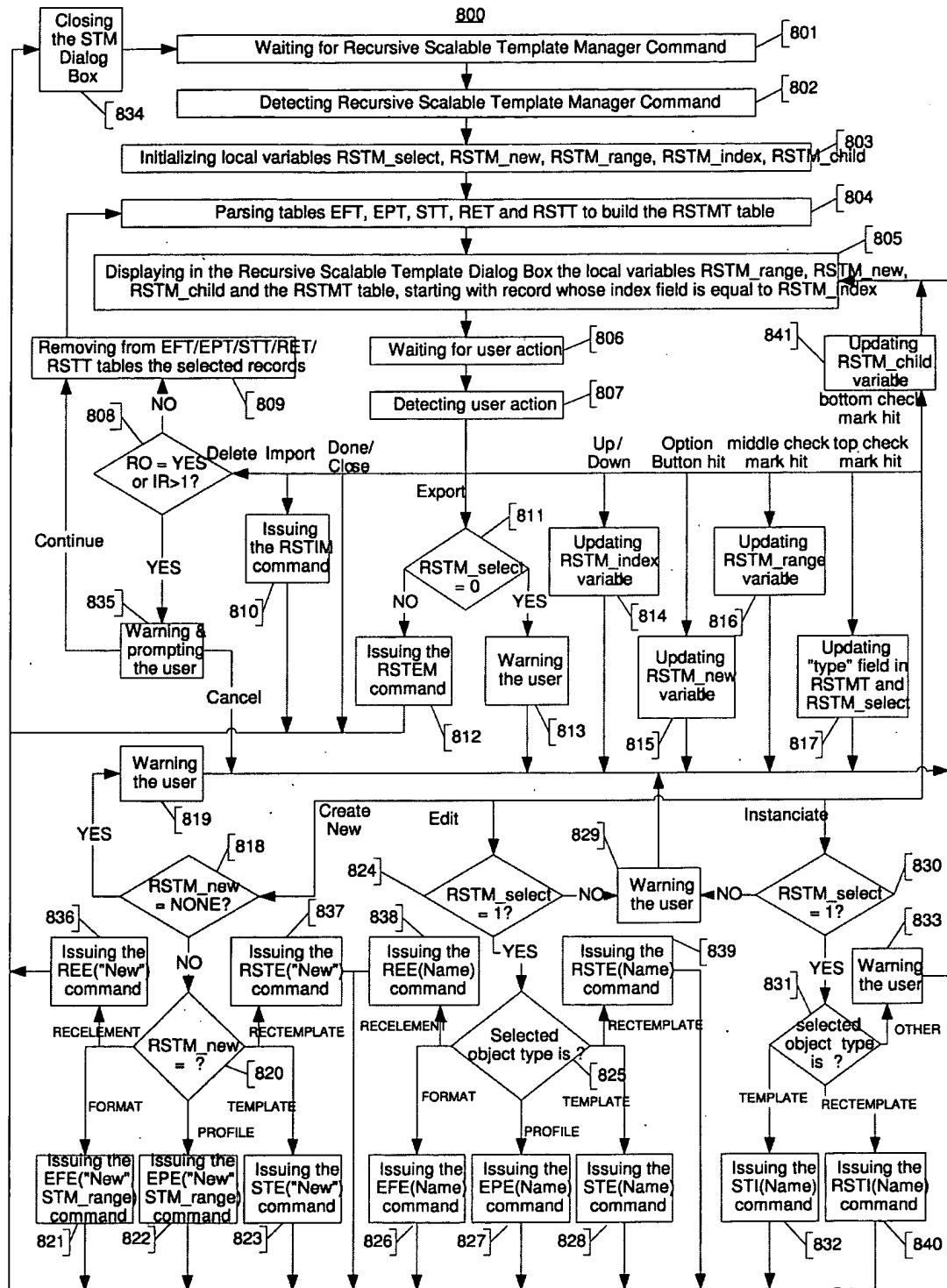
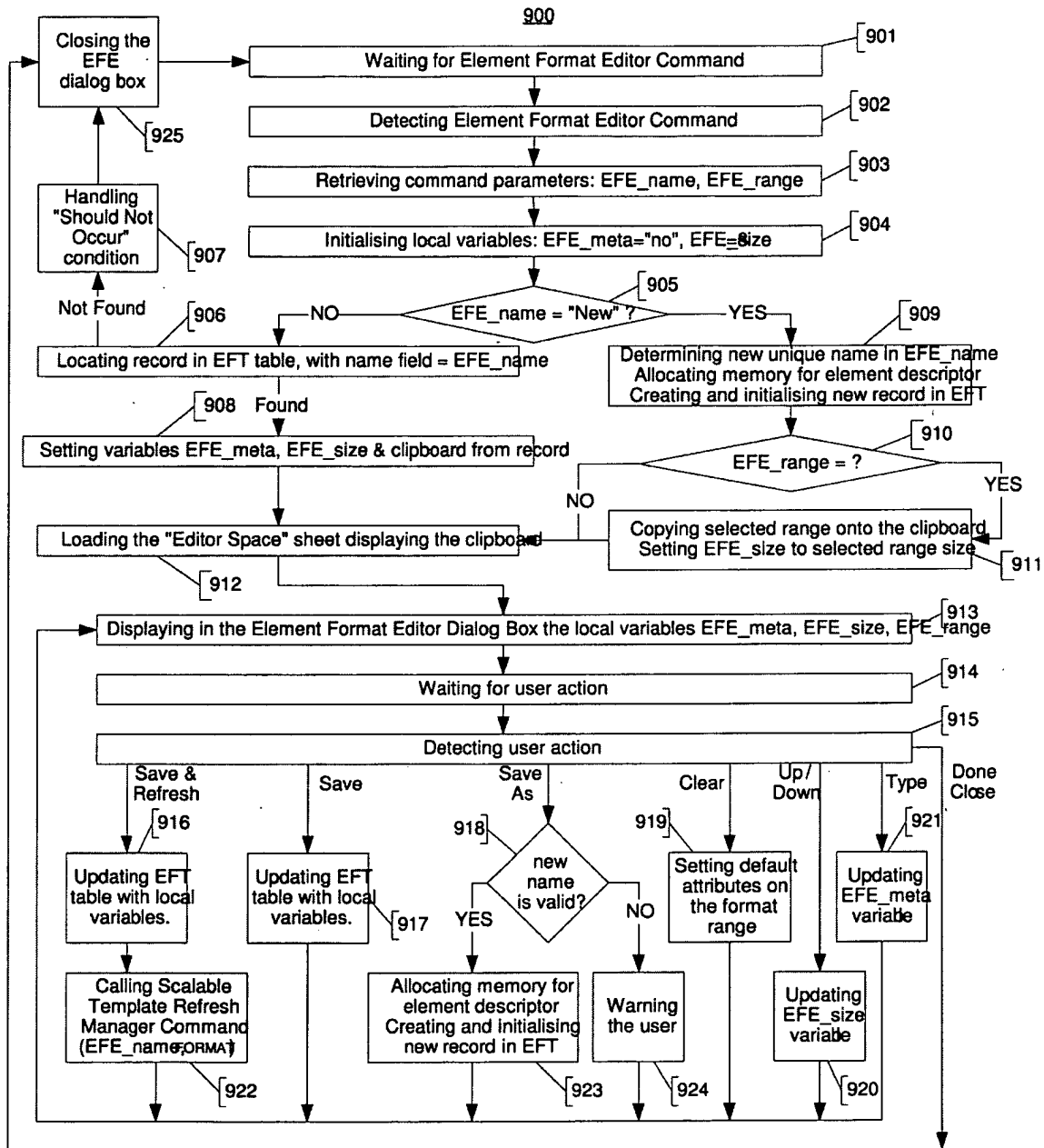
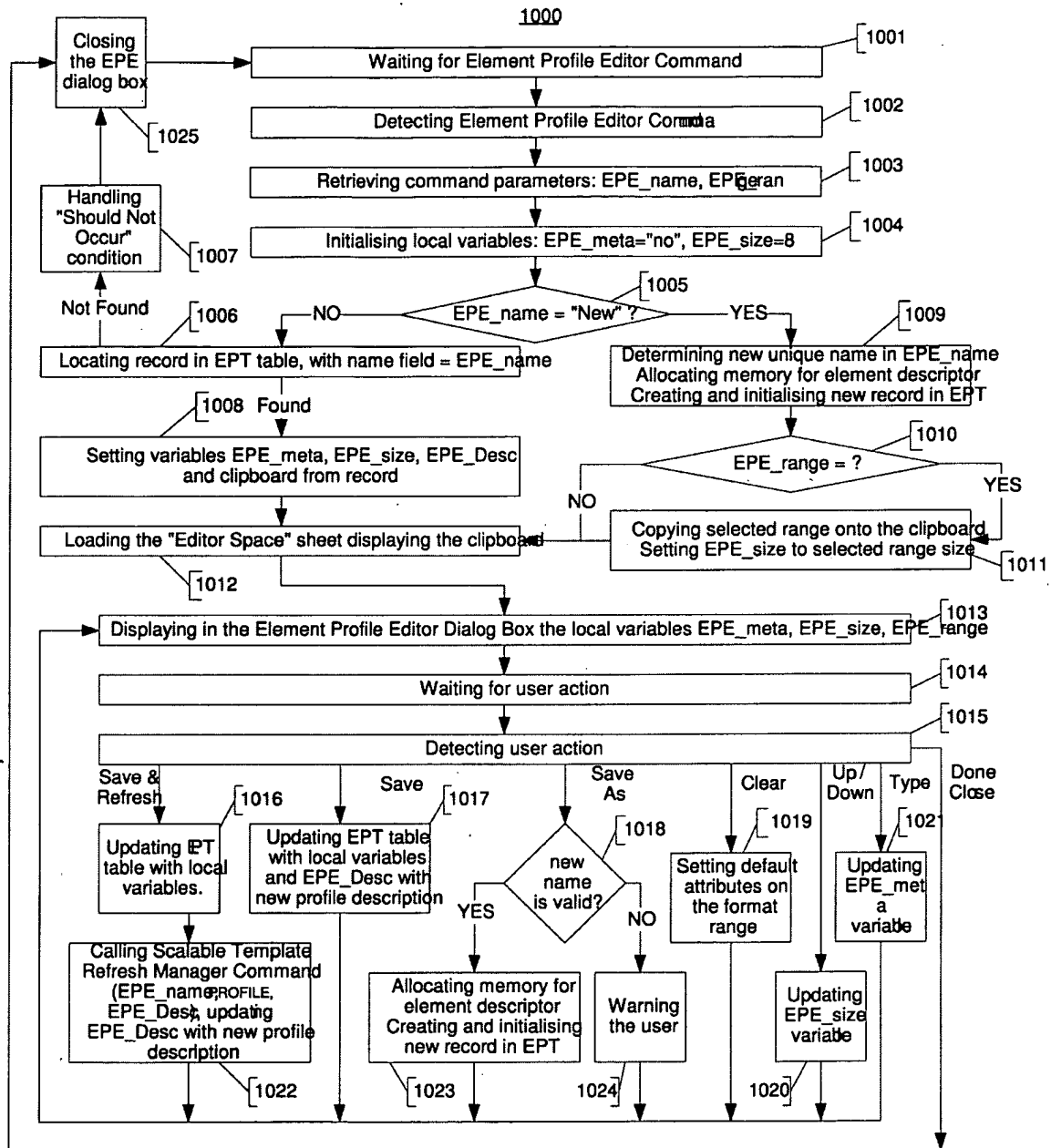


FIG. 8



**FIG. 9**





**FIG. 10**

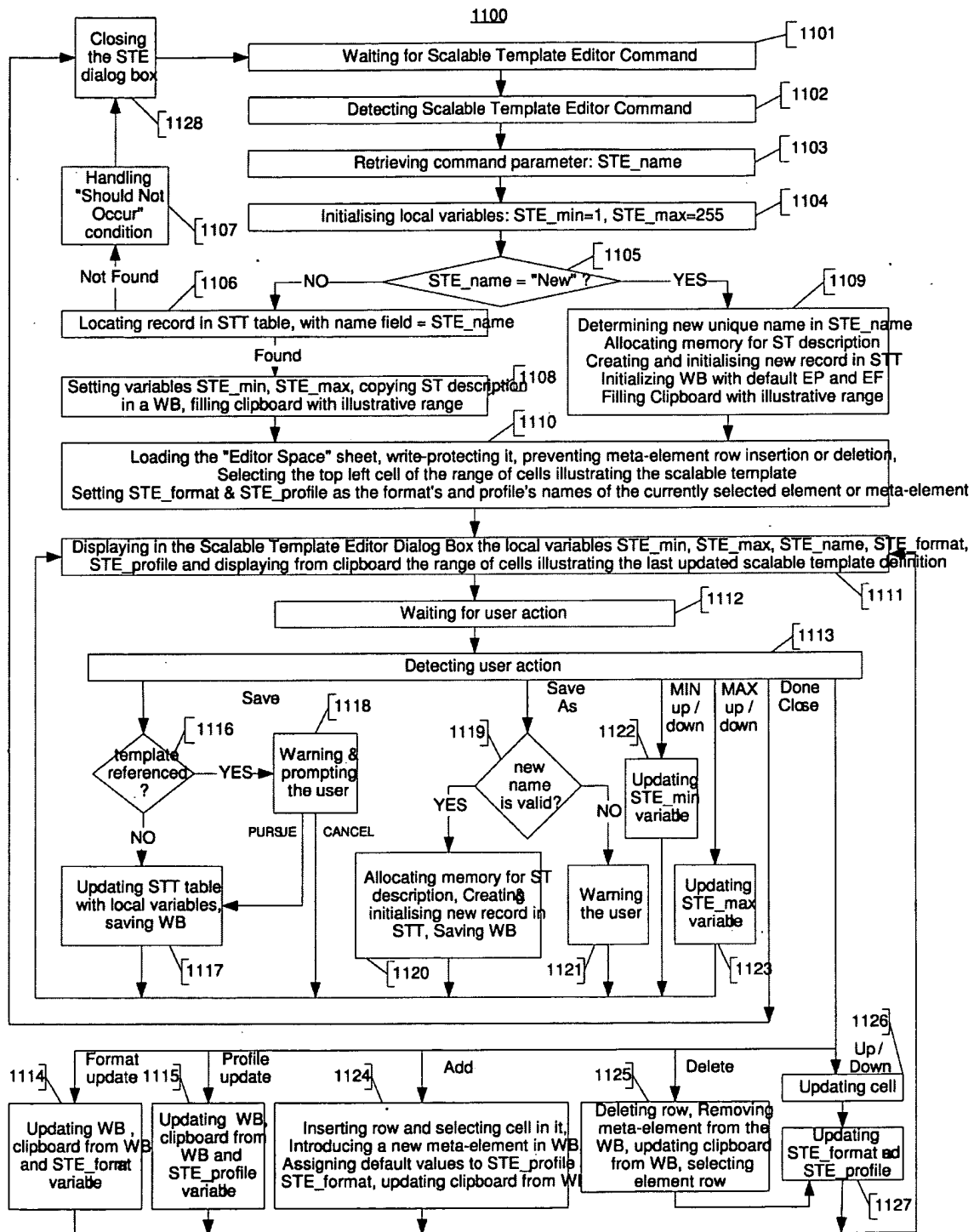


FIG. 11

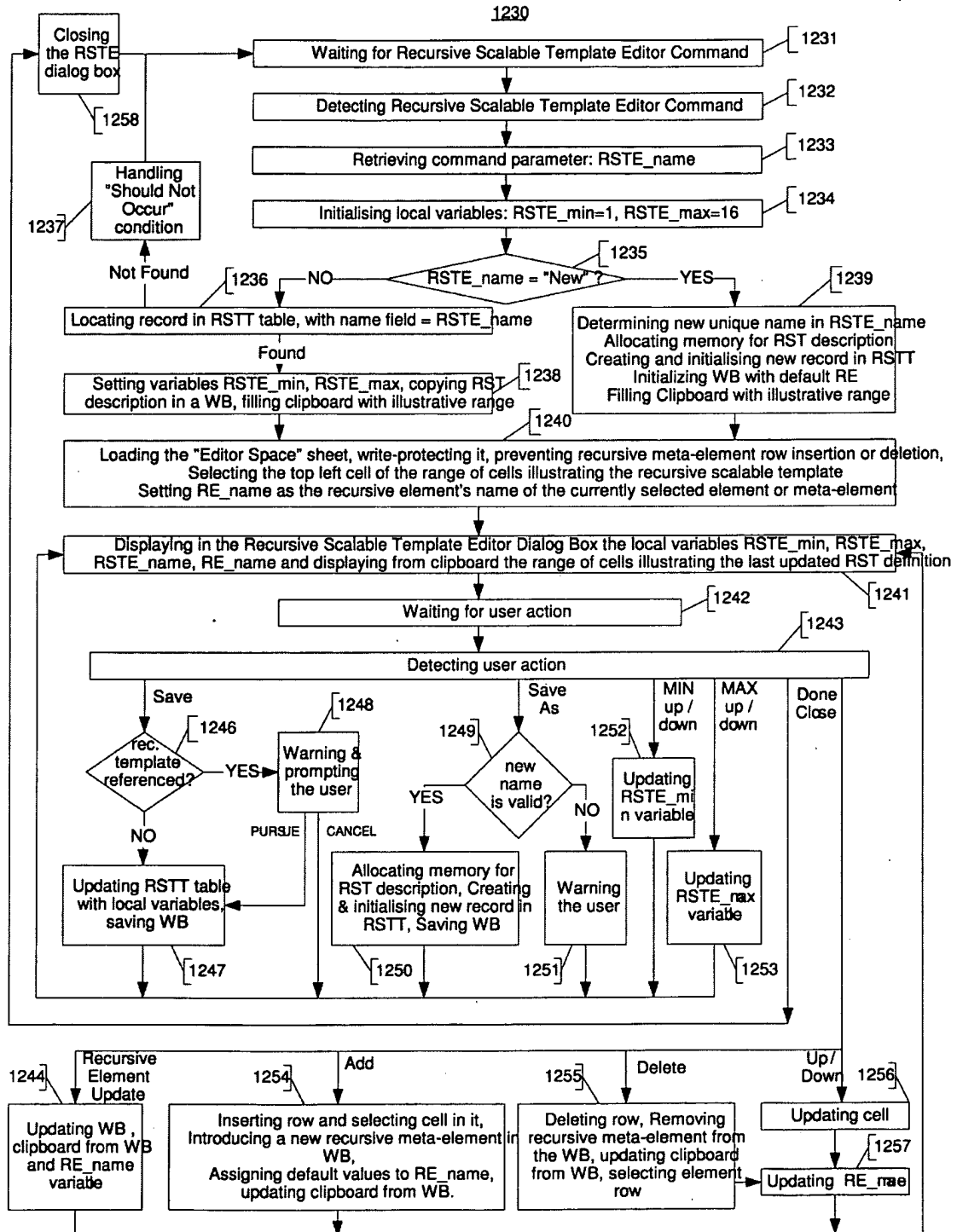


FIG. 12

1312 1313 1315

1300 1301 1302

New Instance: Element # 8 Template\_Name Critical ☒ Create Cancel

1311 1314 1303

New Instance too wide NO Critical Instance Lost Other Instance Lost Data Lost

1310 New Instance too high NO

1309 Overlay YES YES YES

1308 Horizontal Insert NO NO YES

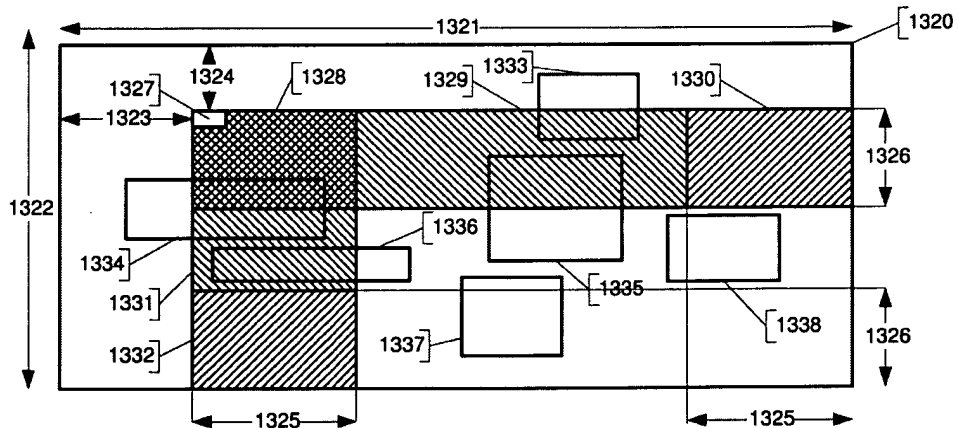
1307 Horizontal Insert by Range NO NO YES

1306 Vertical Insert YES YES YES

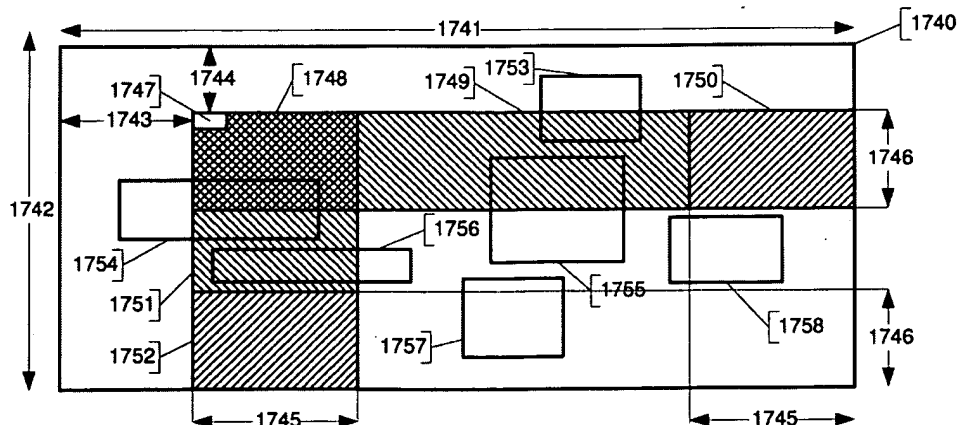
1305 Vertical Insert by Range YES YES YES

1304

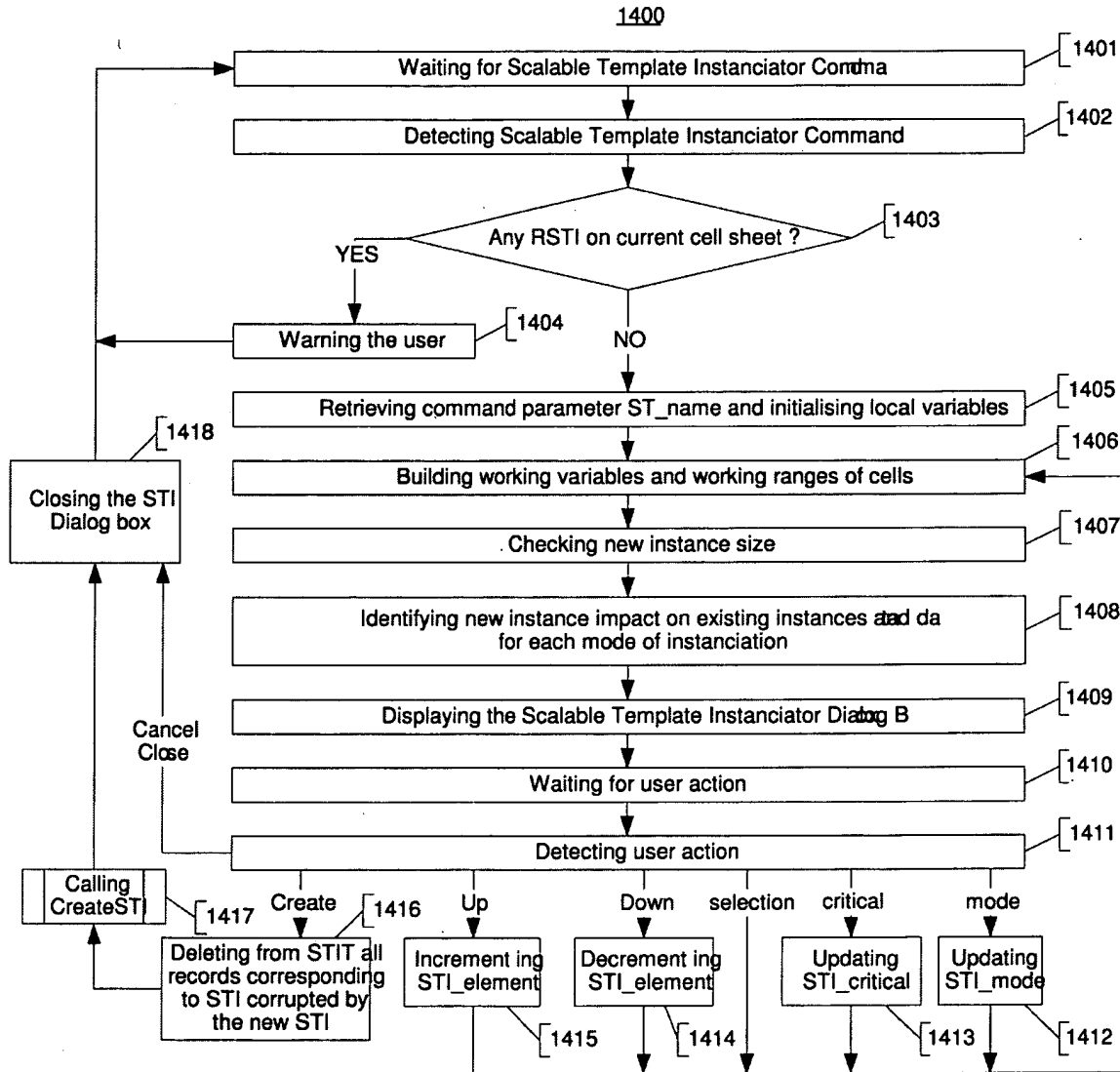
**FIG. 13A**



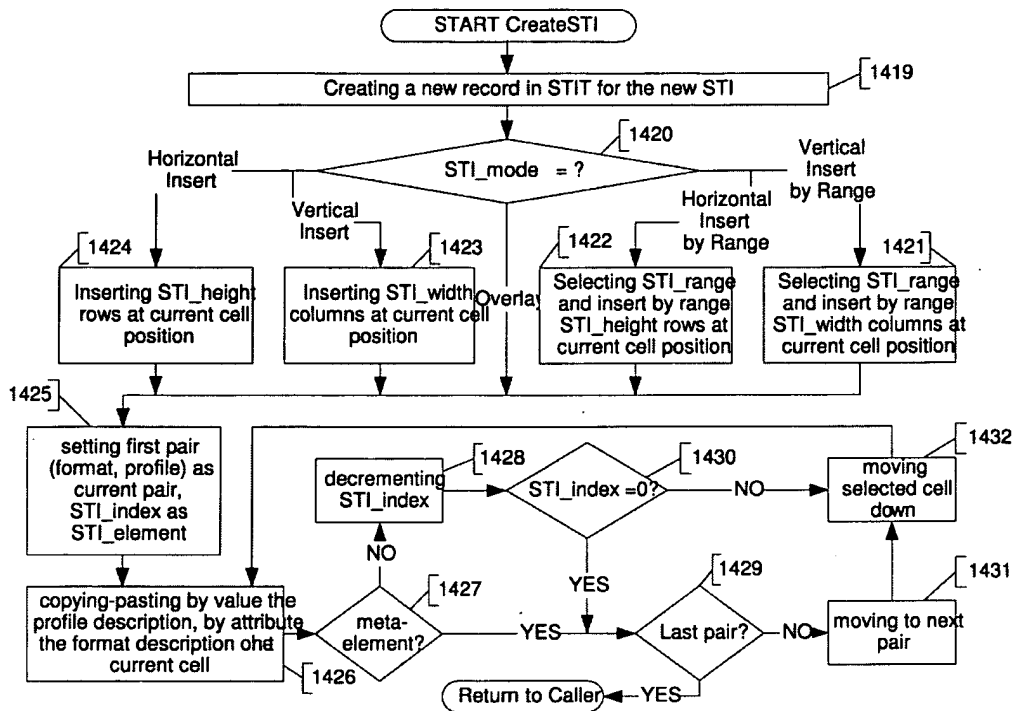
**FIG. 13B**



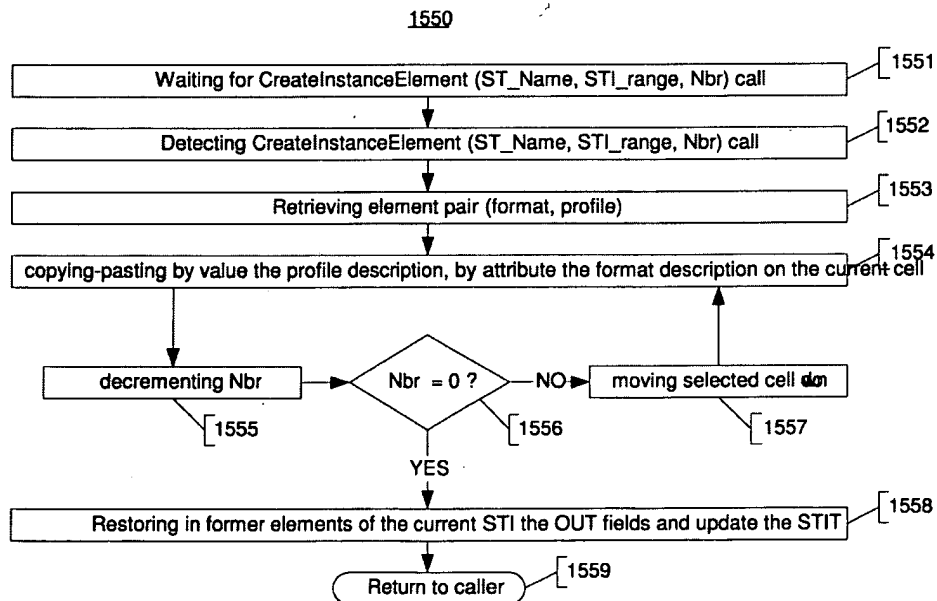
**FIG. 17B**



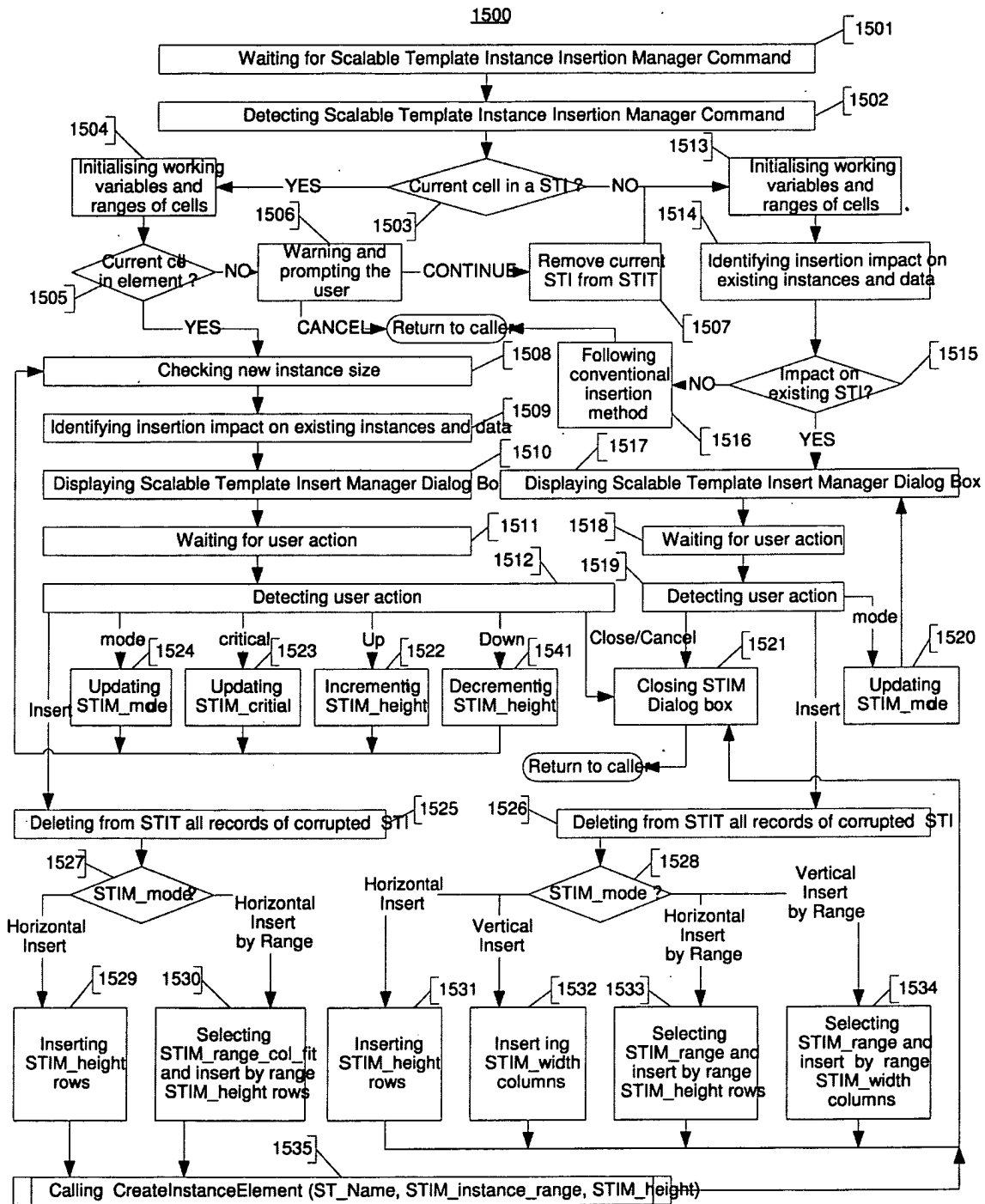
**FIG. 14A**



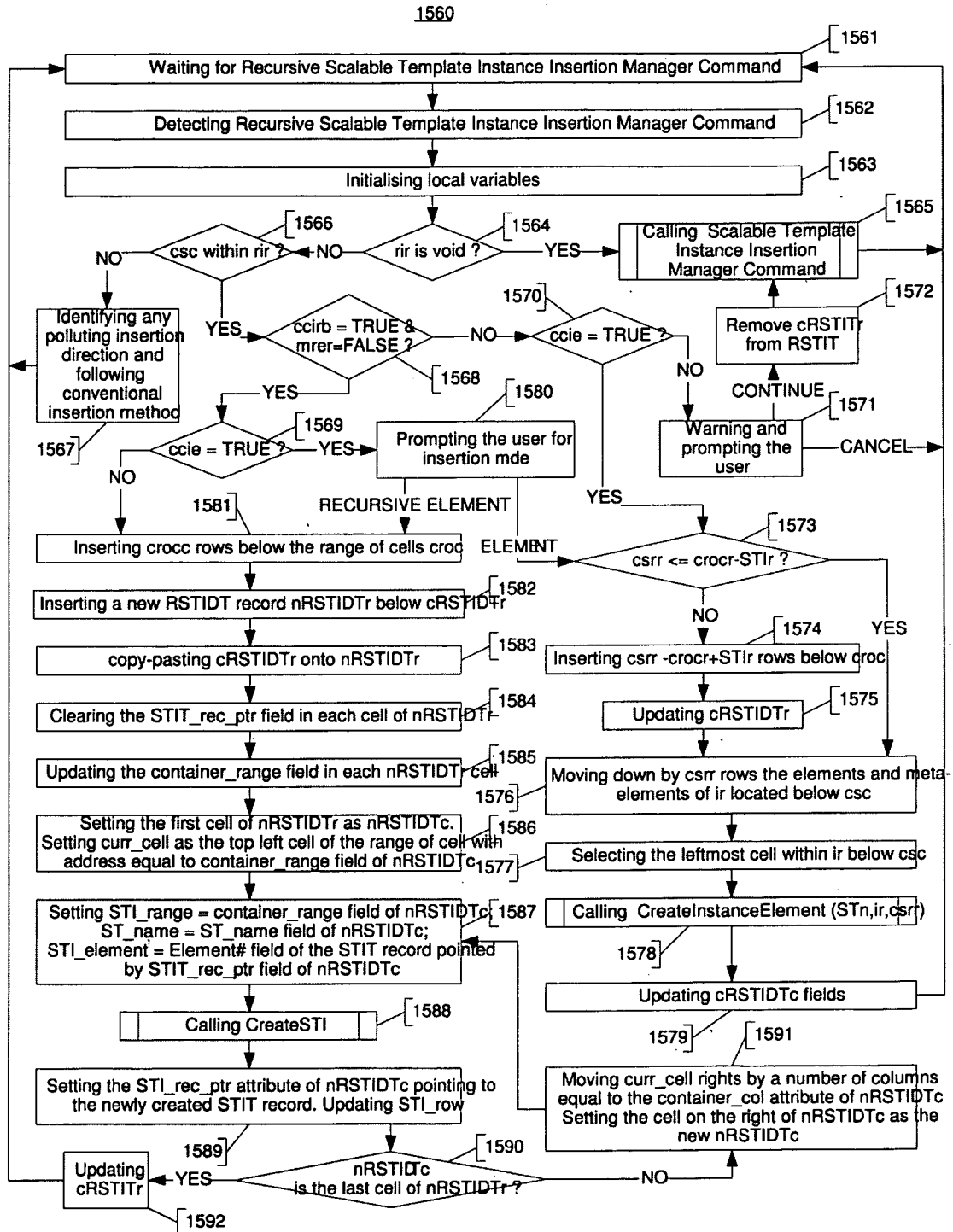
**FIG. 14B**



**FIG. 15B**



**FIG. 15A**



**FIG. 15C**



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FR920030010US1  
REPLACEMENT SHEET

1608 1609 1611

1600 1601 1602 1603

1607 1610

1606 1605

1604

Current Instance: 8 Template\_Name Critical ☒

Insert Cancel

Current Instance too high NO Critical Instance Lost Other Instance Lost Data Lost

Horizontal Insert NO YES YES

Horizontal Insert by Range NO NO YES

**FIG. 16A**

1629

1620 1621 1622 1623

1628 1627 1626 1625

1624

Current Instance: None

Insert Cancel

Critical Instance Lost Other Instance Lost Data Lost

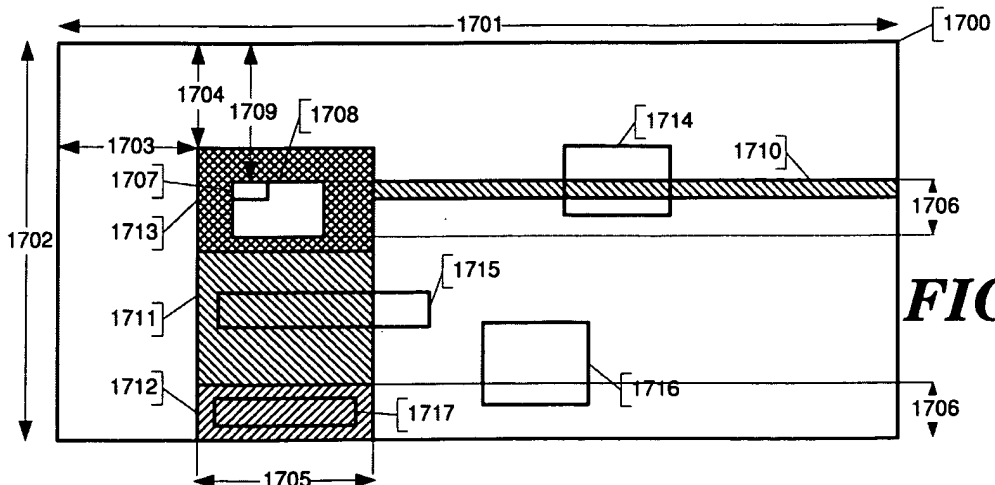
Horizontal Insert NO NO YES

Horizontal Insert by Range NO NO YES

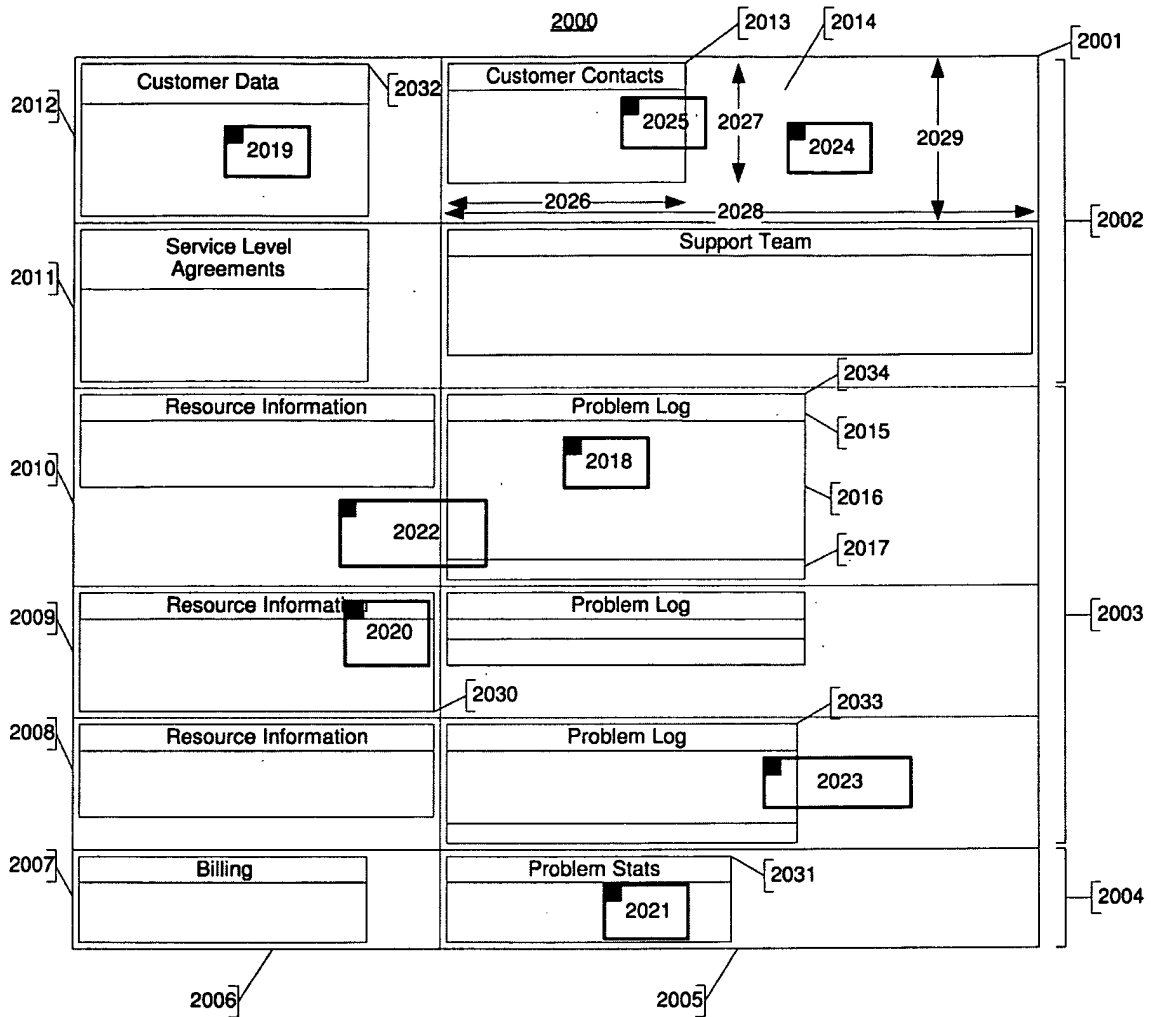
Vertical Insert YES YES YES

Vertical Insert by Range YES YES YES

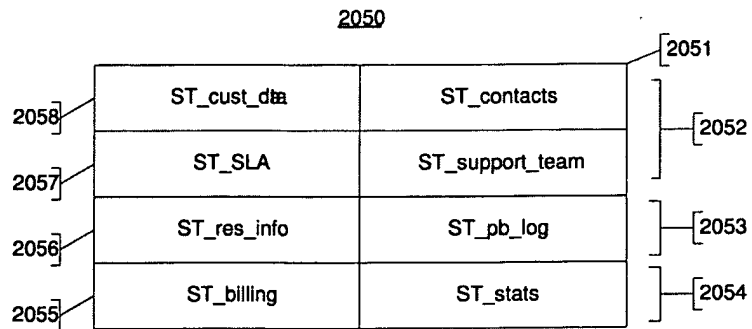
**FIG. 16B**



**FIG. 17A**



**FIG. 18A**



**FIG. 18B**

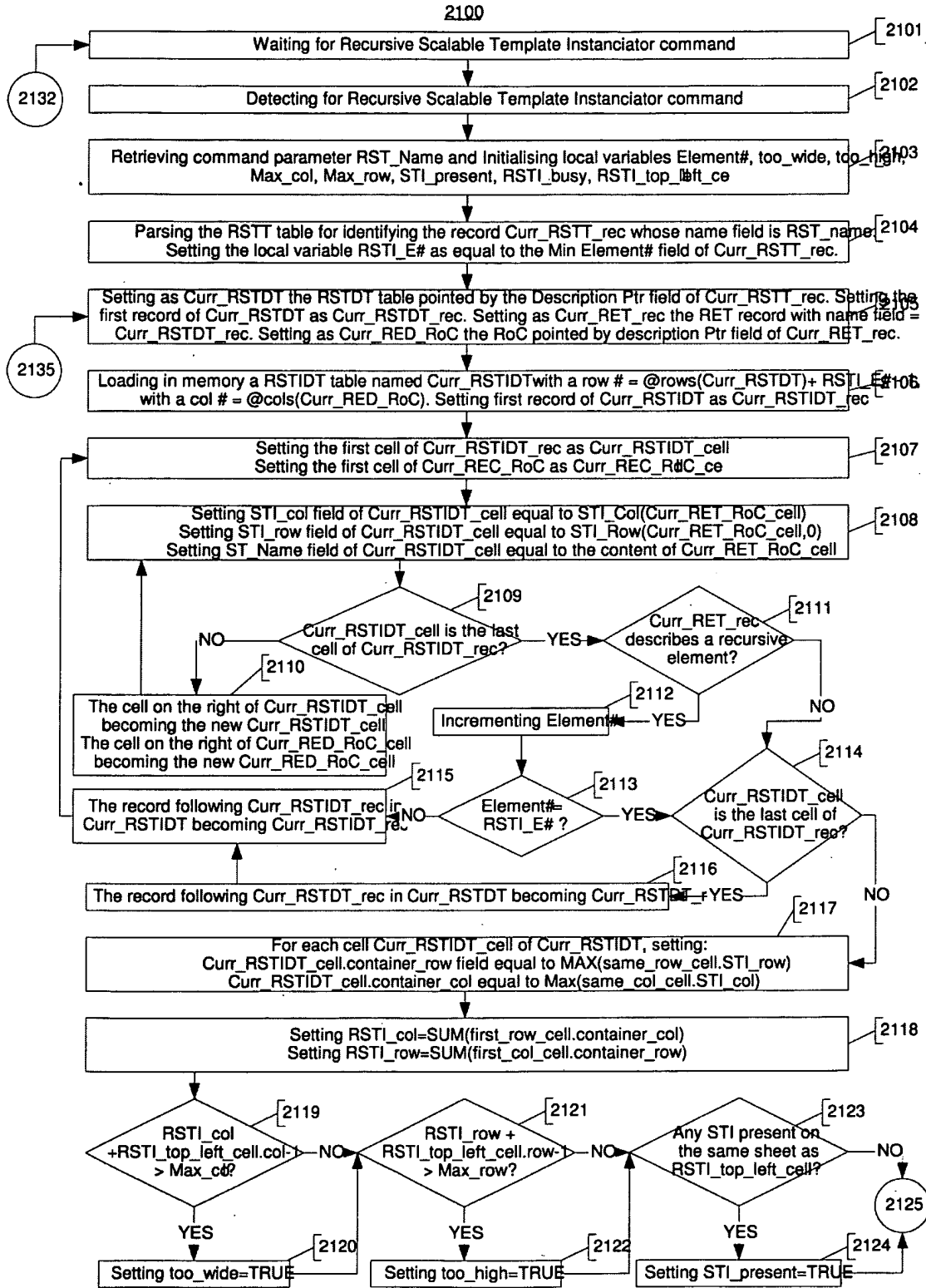


FIG. 19A

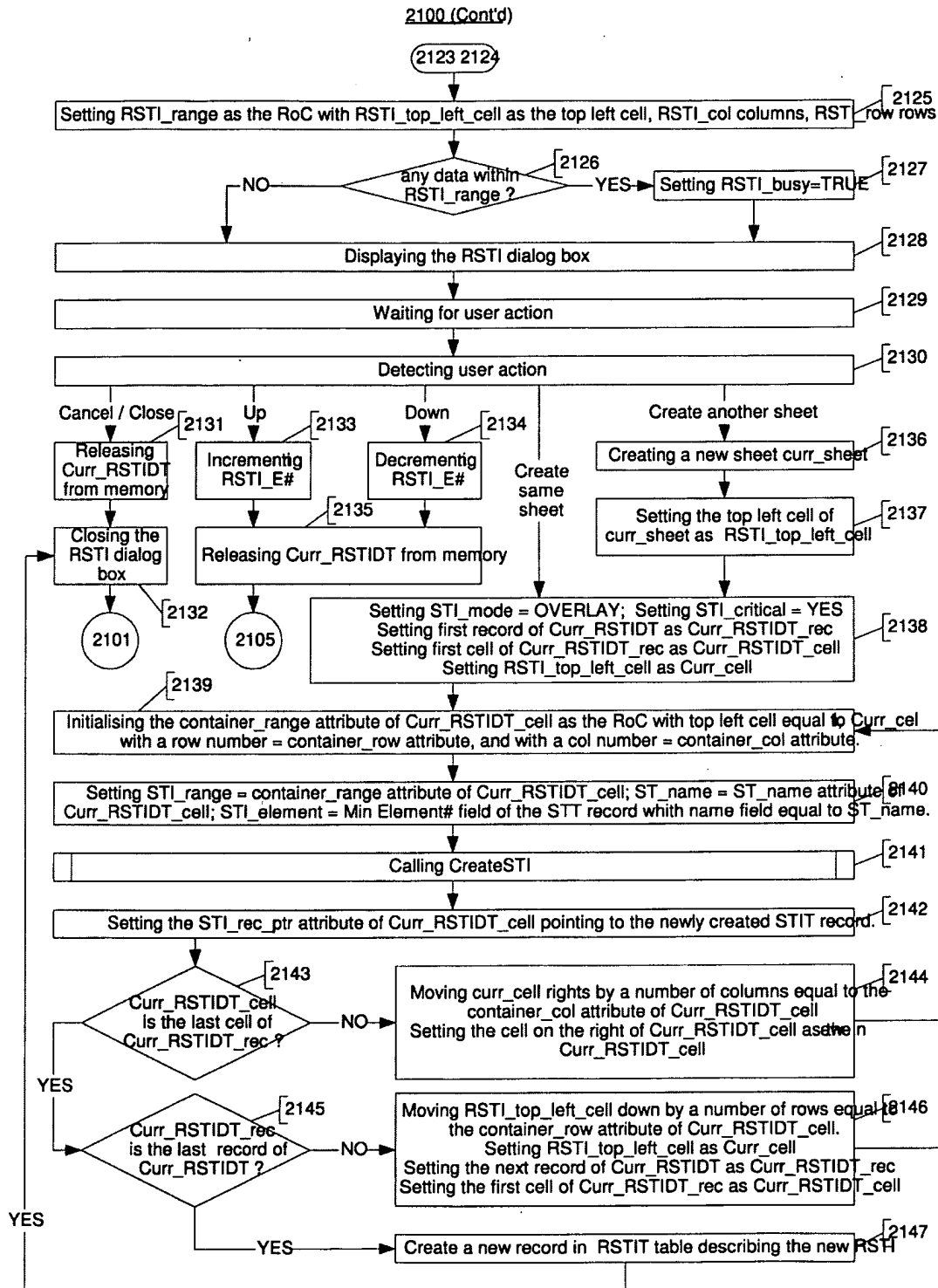
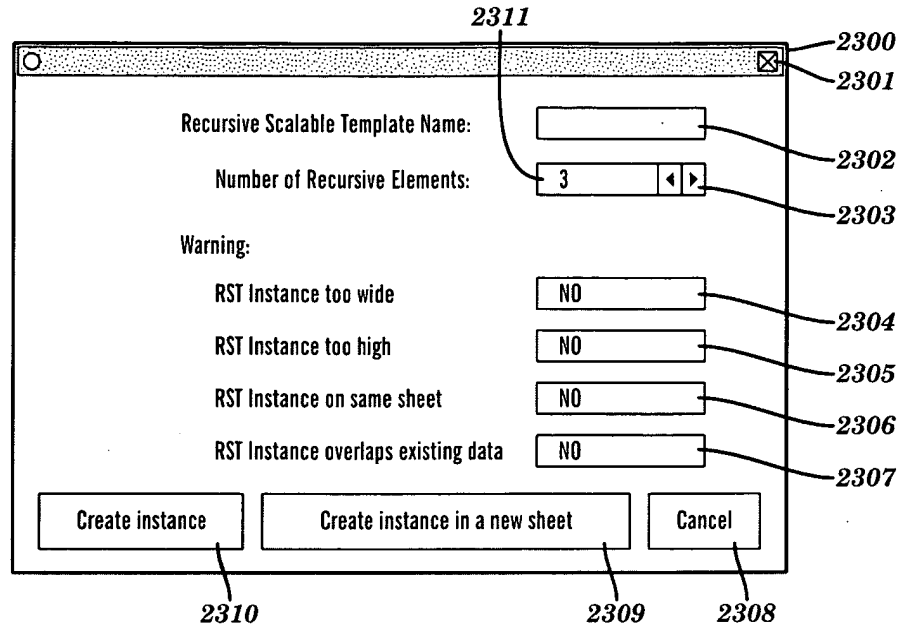
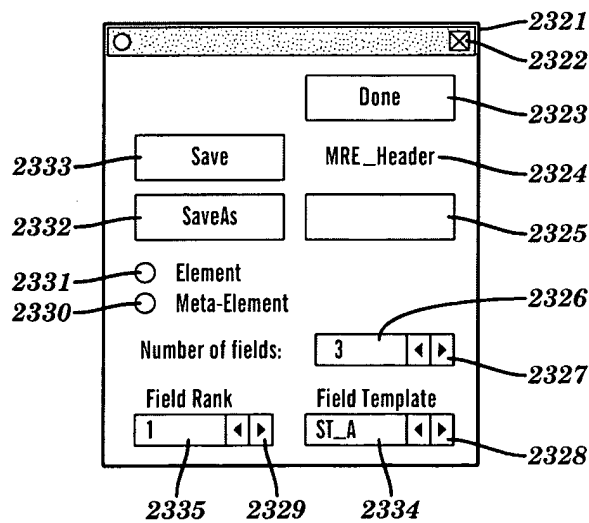


FIG. 19B

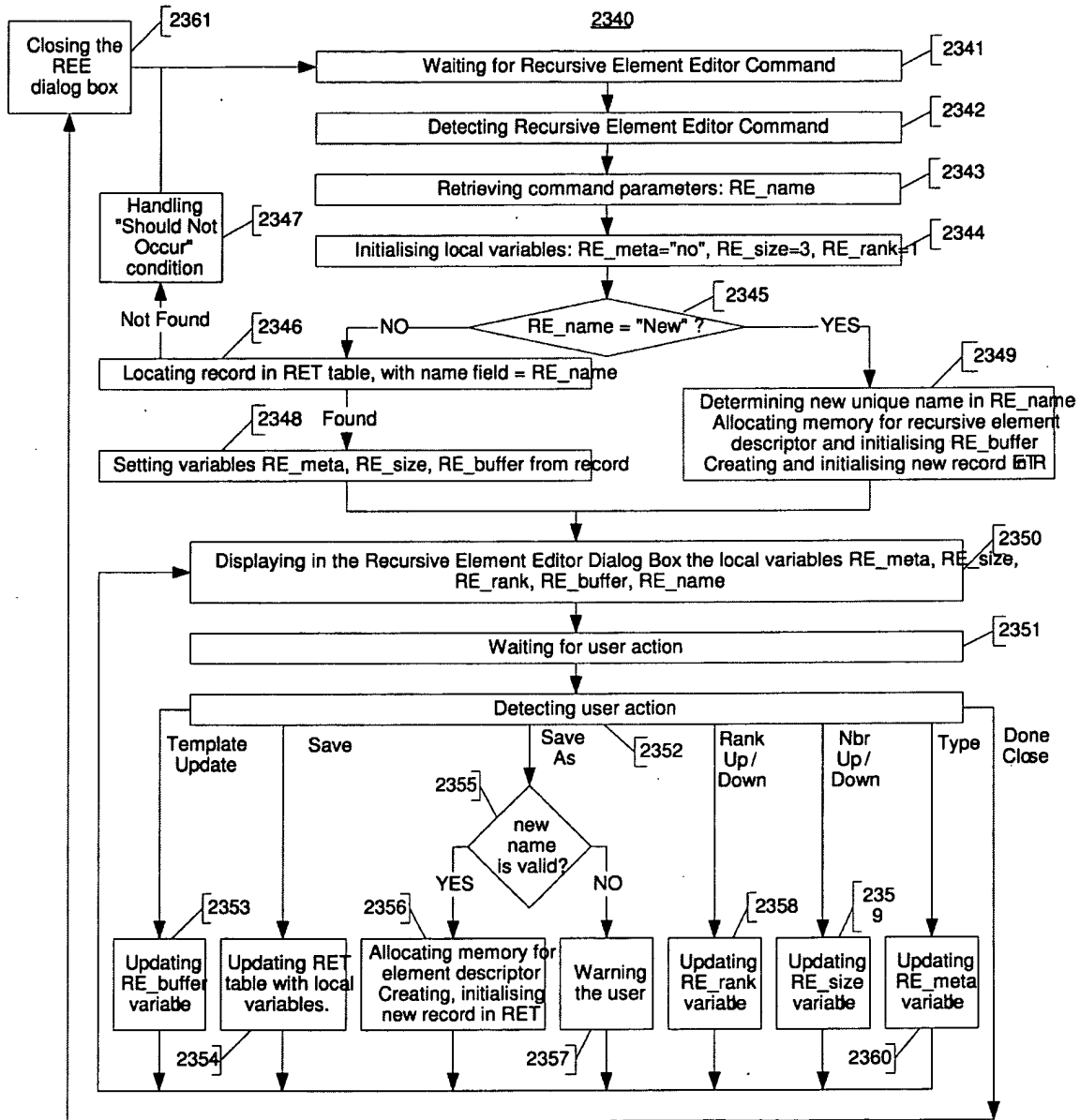




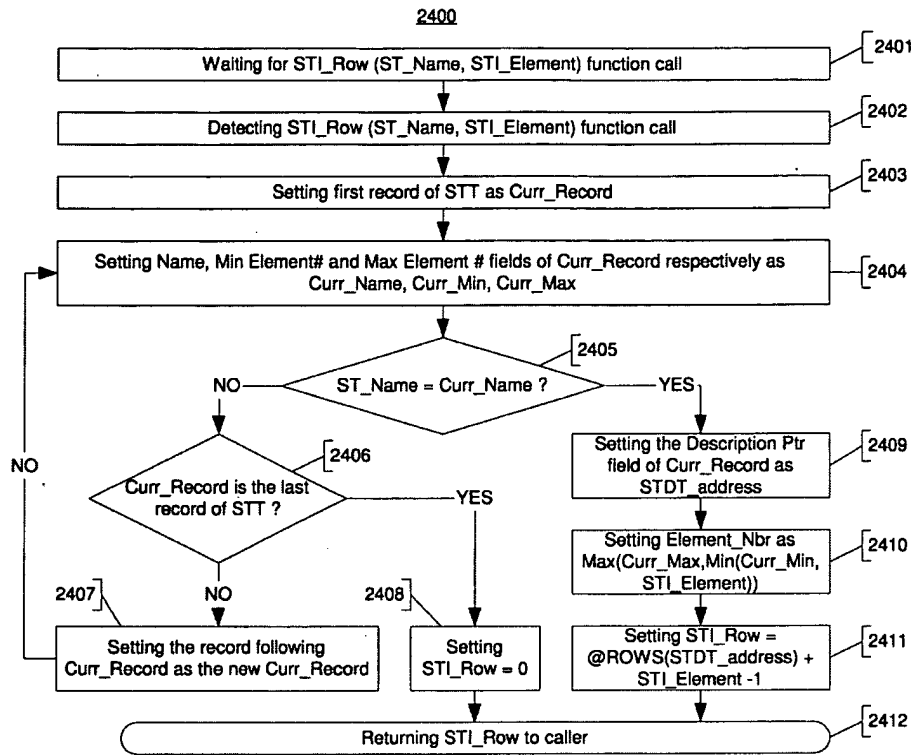
**FIG. 21A**



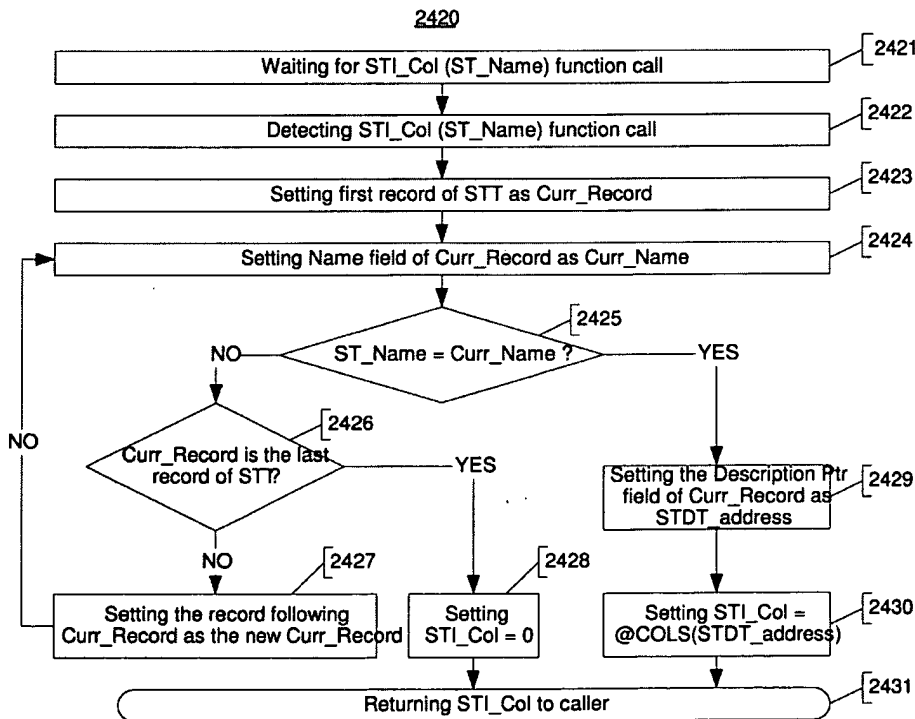
**FIG. 21B**



**FIG. 21C**



**FIG. 22A**



**FIG. 22B**